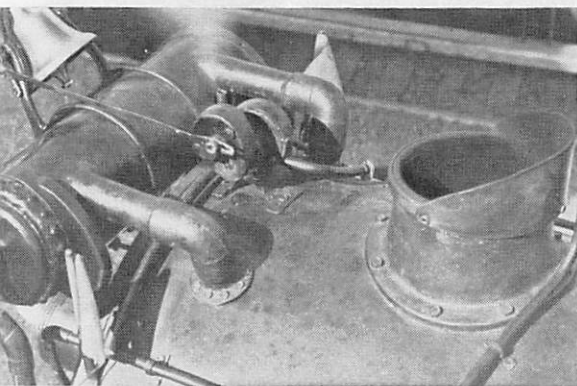
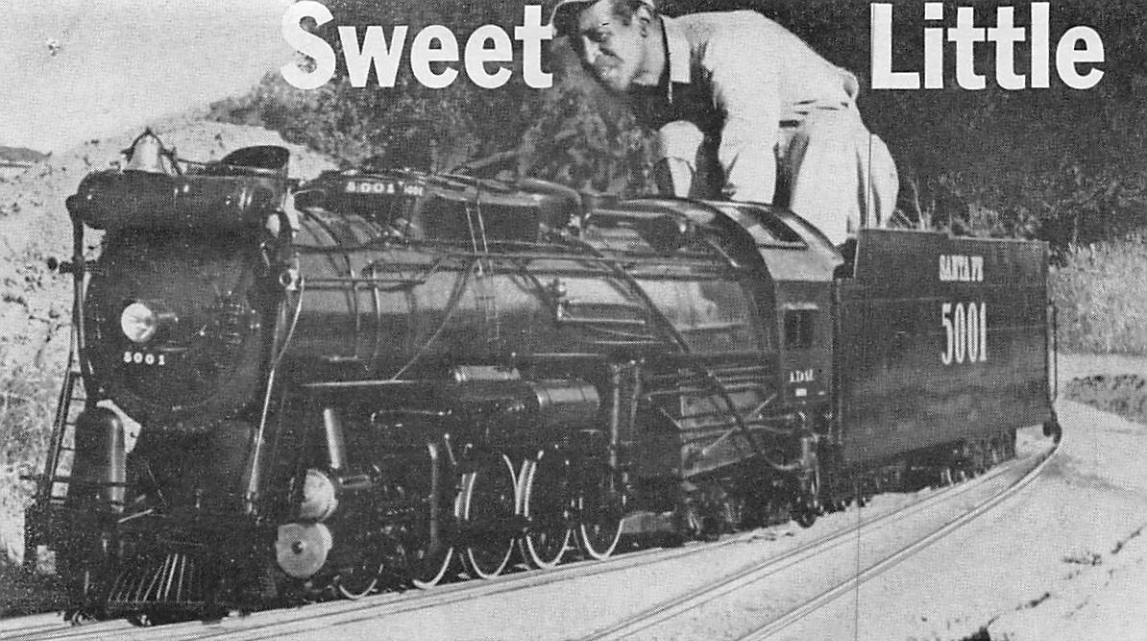


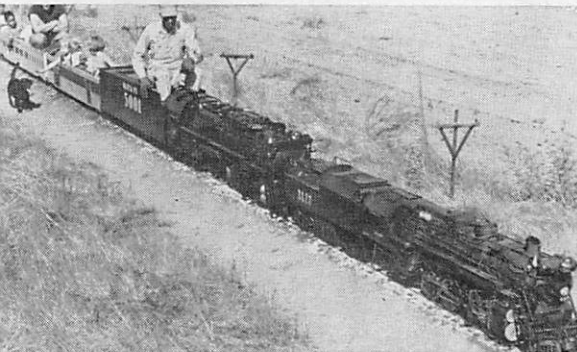
# Sweet Little



**TINY TURBINE**, using steam for power, drives a warning bell when Mann's locomotive is in operation



**FROM ENGINEER'S SEAT** aboard tender, Mann can see this array of tiny pressure and steam gauges



**DOUBLE HEADING**, Mann uses both locomotives to pull extra long trainload of youngsters and adults  
112



**ROLLING PAST** original locomotive parked on siding, Mann high-balls 5001 and "Spike" rides the tender  
POPULAR MECHANICS



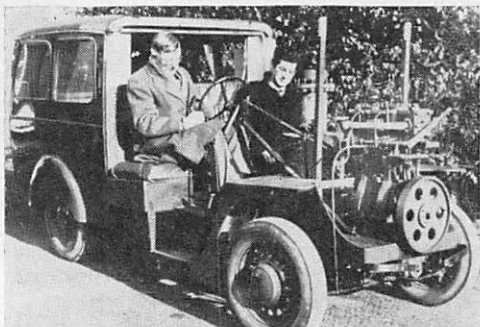
## Smashing job

"It was a bit heartbreaking at first, but now it's just a day's work," says the chief smasher at the Wedgwood pottery works. His sole job is to break pieces of china and pottery that don't meet the firm's standards so they won't be sold.



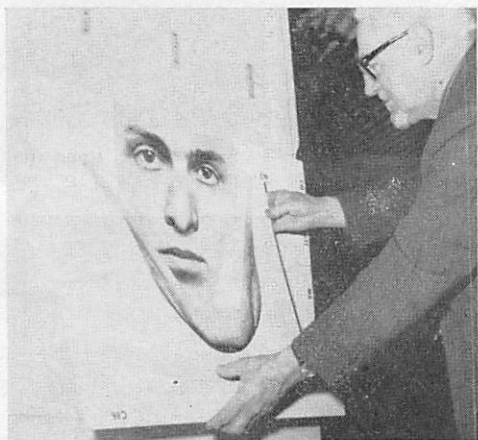
## Plane-looking car

A three-wheeled car developed by Highway Aircraft Corp. cruises at 70 mph, can reach 110 to 120 mph. Cruising, it gets 40 mpg.



## Coal-burning steam car

The engine from a steamboat now powers Briton John Harding's coal-burning car. His mileage? Forty miles to the hundredweight!



## Unlawful assembly

Using actual photographs of various facial features, inventor Jacques Penry shows how he assembles a composite face with his new Photo-Fit criminal-identification system. Choices include 169 foreheads, 81 pairs of eyes, 70 noses, 86 mouths and 64 chins.



# Santa Fe

By FRANK TAYLOR

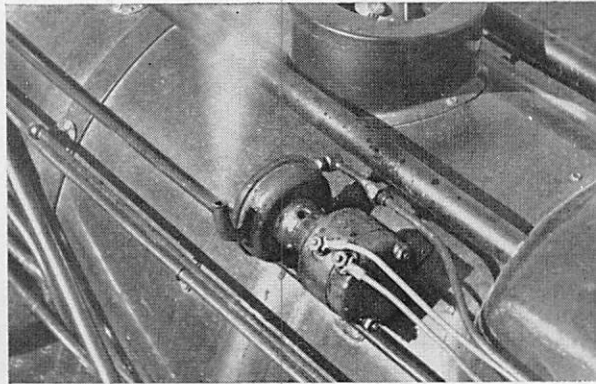
**A** RETIRED AEROSPACE ENGINEER who believes that "a half-done job is no job at all," Frank Mann completed a 1/25-scale locomotive in 27 weeks from plans he drew. He made all parts on his lathe, made most of the switches and laid all the track in his back yard in Pacoima, Calif. He prizes a switch given him by the late Walt Disney, a fellow member of the Los Angeles Live Steamer Club. A former fighter pilot, Mann now plans to build a four-place, prop-driven delta-wing plane.



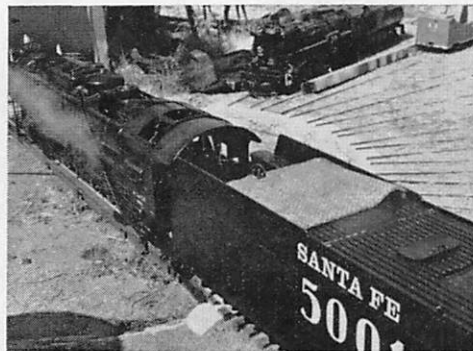
**WATER TANK**, like everything on the road, is built to scale. Tender holds 40 gallons of water



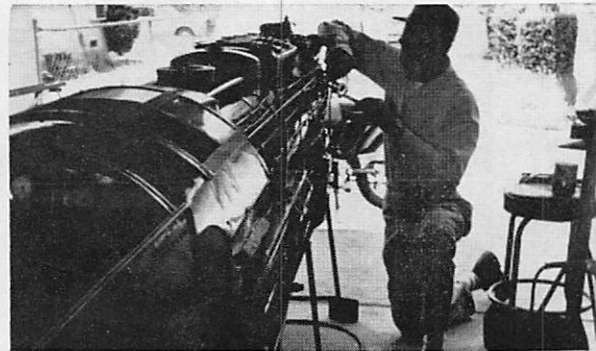
**SAND BINS** are duplicates of the real thing. Sand is dropped in front of drive wheels when starting



**ELECTRIC GENERATOR**, driven by steam turbine, supplies electricity for train's running lights, cars



**TURNTABLE** is working model of the real thing and switches the heavy locomotives from track to track



**REPAIR WORK** is done in garage shop where Mann made all parts on lathe from new and scrap stock





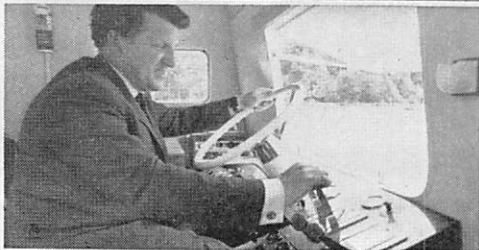
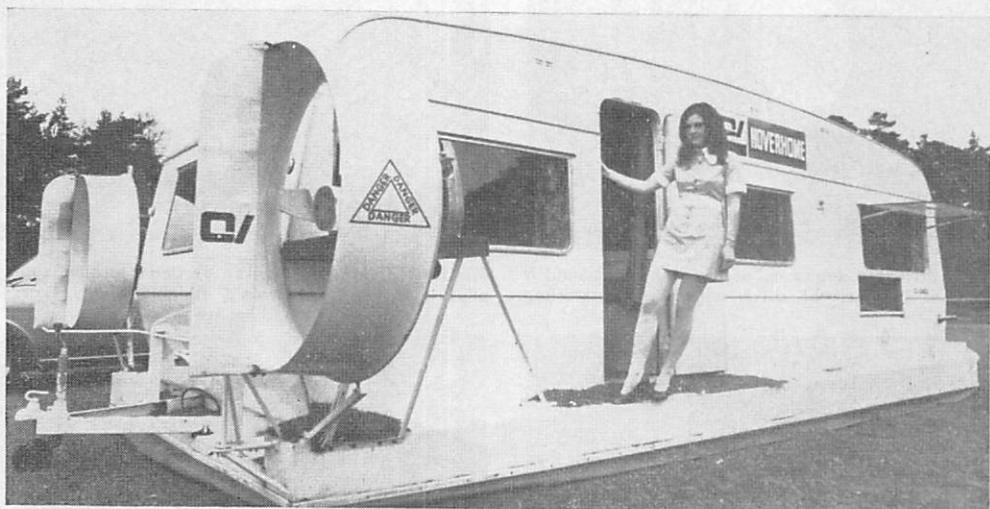
### 'Ray gun' at checkout counter

A Los Angeles supermarket employs a Buck Rogers kind of "ray gun" at the checkout counter to read the price stamped on an item, ring it up on the cash register—and also keep a constant inventory of merchandise.



### Moon cycle

Trying out a minibike to see if a space-suited astronaut can operate a two-wheeler on the moon, a crewman at the Manned Spacecraft Center rides under one-sixth-gravity conditions aboard a KC-135 aircraft.



### Air-cushion travel trailer

Adapting a vacationer's travel trailer to a hovercraft "chassis," a British manufacturer has come up with the Hoverhome. The amphibious vehicle provides a home or field office—complete with kitchen and beds—for five adults. There's a separate control room (left) for operator. Maker is Caravans International Ltd., Saffron Walden, Essex, England.